AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An isolated nucleic acid having at least 80% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~;

(b) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~, lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~;

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~; or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203159;

wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung tissue compared to lung tumor.

2. (Currently Amended) The isolated nucleic acid of Claim 1 having at least 85% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~;

(b) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~, lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~;

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of ~~shown in Figure 87~~ ~~(~~SEQ ID NO:87~~)~~; or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203159;

wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung tissue compared to lung tumor.

3. (Currently Amended) The isolated nucleic acid of Claim 1 having at least 90% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~;

(b) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~, lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~;

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of ~~shown in Figure 87~~ ~~(~~SEQ ID NO:87~~)~~; or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203159;

wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung tissue compared to lung tumor.

4. (Currently Amended) The isolated nucleic acid of Claim 1 having at least 95% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~;

(b) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~, lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~;

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~; or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203159;

wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung tissue compared to lung tumor.

5. (Currently Amended) The isolated nucleic acid of Claim 1 having at least 99% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~;

(b) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~, lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~;

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~; or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203159;

wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung tissue compared to lung tumor.

6. (Currently Amended) An isolated nucleic acid comprising:

(a) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~;

(b) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~, lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88)~~;

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88) lacking its associated signal peptide~~;

~~(e)~~ (c) the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~;

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~; or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.

7. (Currently Amended) The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~.
8. (Currently Amended) The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~, lacking its associated signal peptide.
9. (Cancelled)
10. (Cancelled)
11. (Currently Amended) The isolated nucleic acid of Claim 6 comprising the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~.
12. (Currently Amended). The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~.
13. (Original) The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 203159.
14. (Currently Amended) An isolated nucleic acid that hybridizes under stringent conditions to:

(a) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~;

(b) a nucleic acid sequence encoding the polypeptide of ~~shown in Figure 88 (~~SEQ ID NO:88~~)~~, lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 88 (SEQ ID NO:88) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence of ~~shown in Figure 87 (~~SEQ ID NO:87~~)~~;

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of ~~shown in Figure 87~~ ~~(~~SEQ ID NO:87~~)~~; or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203159;

wherein said stringent conditions comprise 50% formamide, 5 x SSC (0.75 M NaCl, 0.075 M sodium citrate), 50 mM sodium phosphate (pH 6.8), 0.1% sodium pyrophosphate, 5 x Denhardt's solution, sonicated salmon sperm DNA (50 µg/ml), 0.1% SDS, and 10% dextran sulfate at 42°C, with washes at 42°C in 0.2 x SSC (sodium chloride/sodium citrate) and 50% formamide at 55°C, followed by a high-stringency wash consisting of 0.1 x SSC containing EDTA at 55°C.

15. (Canceled).

16. (Original) The isolated nucleic acid of Claim 14 which is at least 10 nucleotides in length.

17. (Original) A vector comprising the nucleic acid of Claim 1.

18. (Original) The vector of Claim 17, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

19. (Currently Amended) ~~A~~ An isolated host cell comprising the vector of Claim 17.

20. (Original) The host cell of Claim 19, wherein said cell is a CHO cell, an E. coli or a yeast cell.

DELETION OF INVENTORS

Please correct the inventorship under 37 CFR §1.48(b) by removing the following inventors from the present application:

Dan L. Eaton

Ellen Filvaroff

Mary E. Gerritsen, and

Colin K. Watanabe